

- Q1) Name the endocrine gland and the hormone which
- Maintain calcium in the blood
 - Regulate menstrual cycle.

Ans → a) Gland hormone
b) Ovaries progesterone

- Q2) Give one similarity and difference between in the secondary sex characters and developed in boys and girls?

Ans) Similarity - In both boys and girls hair start to grow in arm pits and the pubic region above the thigh.

Q3) Difference - In boys, moustaches and the beard appear due to growth of facial hair.

- Q3) What is function of Follicle Stimulating Hormone (FSH) from pituitary?

Ans) The function of FSH is to make the testes release testosterone hormone to initiate the formation of sperms to make the ova mature in the ovaries and prepare the uterus to receive the zygote.

- Q4) What changes occur in human at puberty?

Ans →

- Increase in height
- Better development of muscles
- Change in body shape
- Change in voice
- More sweating from sweat glands.

Q) 5) Mention different type of glands their functions and the hormones secreted by them.

Gland	Functions	Hormones
Thyroid	Controls the metabolic rate	Thyroxine
Adrenal	Prepares the body for any emergency situation	Adrenaline
Pancreas	<ul style="list-style-type: none"> * Regulates the amount of * Sugar in the blood * Releases sugar from the liver 	<ul style="list-style-type: none"> * Insulin * Glucagon
Pituitary	<ul style="list-style-type: none"> * Speeds up growth * Stimulates the thyroid gland to secrete thyroxine * Stimulates the production of sex cells (gametes) in males and females. 	<ul style="list-style-type: none"> * Growth Hormone (GH) * Thyroid-stimulating hormone (TSH) * Follicle-stimulating hormone (FSH)